

CLAIMS

What is claimed is:

- 55
1. An apparatus, comprising:  
means for controlling a display; and  
means for buffering input data received from a data source provided to said  
controlling means;  
said controlling means being adapted to provide a modulated driving signal to the  
display wherein at least one frequency component of the modulated driving signal is  
attenuated by the modulation such that emanated electromagnetic emissions are reduced.
  2. An apparatus as claimed in claim 1, the modulated driving signal provided by  
said controlling means being a spread spectrum modulated signal.
  3. An apparatus as claimed in claim 1, said controlling means comprising a  
controller structure.
  4. An apparatus as claimed in claim 1, said buffering means comprising a  
memory structure.
  5. An apparatus as claimed in claim 1, said buffering means comprising a FIFO  
memory structure.
  6. An apparatus as claimed in claim 1, said controlling means comprising a  
controller structure, said buffering means comprising a FIFO memory structure, and the  
modulated driving signal provided by the controller structure being a spread spectrum  
signal.
  7. An apparatus as claimed in claim 1, the display comprising an avionics  
display.
- 55

536  
C3

8. An apparatus, comprising:  
means for controlling a display; and  
means for providing input data to be displayed in the display to said controlling means;

said controlling means being adapted to provide a modulated driving signal to the display wherein at least one frequency component of the modulated driving signal is attenuated by the modulation such that emanated electromagnetic emissions are reduced, said input data providing means being adapted to provide a modulated input data signal to said controlling means to accommodate the modulated driving signal provided by said controlling means to the display.

9. An apparatus as claimed in claim 8, the modulated driving signal provided by said controlling means being a spread spectrum signal.

10. An apparatus as claimed in claim 8, said controlling means comprising a controller structure.

11. An apparatus as claimed in claim 8, the display comprising an avionics display.

537  
C3

12. An apparatus, comprising:  
means for controlling a display; and  
means for causing said controlling means to provide a modulated driving signal to the display wherein at least one frequency component of the modulated driving signal is attenuated by the modulation such that emanated electromagnetic emissions are reduced.

13. An apparatus as claimed in claim 12, the modulated driving signal provided by said controlling means being a spread spectrum signal.

14. An apparatus as claimed in claim 12, further comprising means for buffering input data received from a data source provided to said controlling means.

sub  
a5  
15. An apparatus as claimed in claim 12, further comprising means for providing input data to be displayed in the display to said controlling means, said input data providing means being adapted to provide a modulated input data signal to said controlling means to accommodate the modulated driving signal provided by said controlling means to the display.

16. An apparatus as claimed in claim 12, said controlling means comprising a controller structure.

17. An apparatus as claimed in claim 12, said causing means comprising a modulating circuit structure.

18. An apparatus as claimed in claim 12, said controlling means comprising a controller structure, and said causing means comprising a modulating circuit structure.

19. An apparatus as claimed in claim 12, further comprising a memory structure for buffering input data received from a data source provided to said controlling means.

20. An apparatus as claimed in claim 12, further comprising a FIFO memory structure for buffering input data received from a data source provided to said controlling means.

ADD  
a6